

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	221	(proton near2 exchang\$4 near2 membrane or polymer near2 electrolyte near2 membrane).ti. and (proton near2 exchang\$4 near2 membrane or polymer near2 electrolyte near2 membrane) same humidit\$3	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 06:59
L4	473	(proton near2 exchang\$4 near2 membrane or polymer near2 electrolyte near2 membrane).ab. and (proton near2 exchang\$4 near2 membrane or polymer near2 electrolyte near2 membrane) same humidit\$3	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 07:07
L5	279	L4 not L3	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 07:07
L6	910	(proton near2 exchang\$4 near2 membrane or polymer near2 electrolyte near2 membrane) and (proton near2 exchang\$4 near2 membrane or polymer near2 electrolyte near2 membrane) same humidit\$3	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 07:22
L7	437	L6 not L4	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 07:23
S1	32	block with ((arylene or aryl) near ether or aryleneether or arylether) with ((aryl or arylene) near2 (ether near2 sulfone or ethersulfone) or arylethersulfone or aryleneethersulfone) with block	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 14:55
S2	1010	525/534.ccls.	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 14:56

S3	71	(\$2sulfon\$4 with (aryl\$3 near2 ether near2 sulfone or aryl \$3ether near sulfone or aryl\$3 near ethersulfone or aryl \$3ethersulfone)) same (\$3fluorin \$6 with (aryl\$3 near ether or aryl \$3ether))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 15:21
S4	40	(\$2sulfon\$4 with (aryl\$3 near2 ether near2 sulfone or aryl \$3ether near sulfone or aryl\$3 near ethersulfone or aryl \$3ethersulfone)) same (\$3fluorin \$6 with (aryl\$3 near ether or aryl \$3ether)) and block	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 15:21
S5	554	MCPATHS\$3-JAMES\$3.in. HARRISON\$5-WILLIAM\$3.in. GHASSEMI-HOSSEIN.in. ZAWODZINSKI\$4-TOMS3.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 15:43
S6	35	"6503375".pn. "5128378".pn. "5115082".pn. "7361729".pn. "7258941".pn. "7351775".pn. "03046080".did. "4085071".pn. "6503378".pn. "6670403".pn. "6083638".pn. "5641586".pn. "5952119".pn. "5595834".pn. "5272017".pn. "5216871".pn. "6818341".pn. "6635369".pn. "6503378".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 15:48
S7	162	(proton near exchange near membrane) and (\$5block with \$3polymer) and ((hydrophobic \$5 or hydro near2 phobic\$5) or (hydrophilic\$5 or hydro near2 phili\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 16:41
S8	65	(proton near exchange near membrane) and (\$5block with \$3polymer) same ((hydrophobic \$5 or hydro near2 phobic\$5) or (hydrophilic\$5 or hydro near2 phili\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 16:41
S9	33	(proton near exchange near membrane) and (\$5block with \$3polymer) same ((hydrophobic \$5 or hydro near2 phobic\$5) or (hydrophilic\$5 or hydro near2 phili\$5)) and humid\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 16:50
S10	64	(proton near exchange near membrane) and (\$5block with \$3polymer) and humid\$5 and proton with conductivit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 16:51

S11	0	(\$2sulfon\$4 with (aryl\$3 near2 ether near2 sulfone or aryl\$3ether near sulfone or aryl\$3 near ethersulfone or aryl\$3ethersulfone)) same ((perfluoroctanoic or perfluorooctanesulfonic or perfluoro) with (aryl\$3 near ether or aryl\$3ether)) and block	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 11:15
S12	2	(\$2sulfon\$4 with (aryl\$3 near2 ether near2 sulfone or aryl\$3ether near sulfone or aryl\$3 near ethersulfone or aryl\$3ethersulfone)) same ((perfluoroctanoic or perfluorooctanesulfonic or perfluoro) with (aryl\$3 near ether or aryl\$3ether))	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 11:15
S13	57	(\$2sulfon\$4 and (aryl\$3 near2 ether near2 sulfone or aryl\$3ether near sulfone or aryl\$3 near ethersulfone or aryl\$3ethersulfone)) and ((perfluoroctanoic or perfluorooctanesulfonic or perfluoro) and (aryl\$3 near ether or aryl\$3ether))	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 11:16
S14	2	(\$2sulfon\$4 with (aryl\$3 near2 ether near2 sulfone or aryl\$3ether near sulfone or aryl\$3 near ethersulfone or aryl\$3ethersulfone)) and ((perfluoroctanoic or perfluorooctanesulfonic or perfluoro) with (aryl\$3 near ether or aryl\$3ether))	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 11:18
S15	56	(\$2sulfon\$4 with (aryl\$3 near2 ether near2 sulfone or aryl\$3ether near sulfone or aryl\$3 near ethersulfone or aryl\$3ethersulfone)) and ((perfluoroctanoic or perfluorooctanesulfonic or perfluoro) and (aryl\$3 near ether or aryl\$3ether))	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 11:19
S16	94	(\$2sulfon\$4 with (ether near2 sulfone or ethersulfone)) and ((perfluoroctanoic or perfluorooctanesulfonic or perfluoro) and (aryl\$3 near ether or aryl\$3ether))	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 13:05

S17	7	(\$2sulfon\$4 with (ether near2 sulfone or ethersulfone)) same ((perfluoroctanoic or perfluoroctanesulfonic or perfluoro) and (aryl\$3 near ether or aryl\$3ether))	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 13:06
S18	5	(\$2sulfon\$4 with (ether near2 sulfone or ethersulfone)) same ((perfluoroctanoic or perfluoroctanesulfonic or perfluoro) same (aryl\$3 near ether or aryl\$3ether))	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 13:06
S19	65	(\$2sulfon\$4 with (ether near2 sulfone or ethersulfone)) and ((perfluoroctanoic or perfluoroctanesulfonic or perfluoro) and (aryl\$3 near ether or aryl\$3ether)) and block\$4	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 13:21
S20	94	(\$2sulfon\$4 with (ether near2 sulfone or ethersulfone)) and ((perfluoroctanoic or perfluoroctanesulfonic or perfluoro or perfluoroalkyl or perfluoroaryl or perfluoroarylether) and (aryl\$3 near ether or aryl\$3ether)) and block\$4	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 13:27
S21	499	(polymer near electrolyte near membrane) and (\$5block with \$3polymer)	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 14:00
S22	172	(polymer near electrolyte near membrane) and (\$5block with \$3polymer) and (\$3fluor or \$3fluorinat\$4) and sulfonat\$4	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 14:05
S23	2	"2006176666".did.	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 15:38
S24	5	"2006066569".did.	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 16:08

S25	2	"2004359925".did.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 16:14
S26	2	"20040219413".did.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 16:16
S27	2	"20040127632".did.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 16:25
S28	1	("2004/0127632").URPN.	USPAT	OR	ON	2009/07/17 16:30
S29	4	("20040127632" "4443349" "5115082" "6306563").PN.	US_PGPUB; USPAT; USOCR	OR	ON	2009/07/17 16:31
S30	7	"2328948".pn.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 16:48
S31	2	"5837032".pn.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 16:52
S32	755	step near growth near (polymeriz\$6 or polymeris\$6)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 07:12
S34	41	(step near growth near (polymeriz\$6 or polymeris\$6)) and (ether near2 sulfone or arylene near2 ether)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 07:19
S35	56	(step near5 growth near5 (polymeriz\$6 or polymeris\$6)) and (ether near2 sulfone or arylene near2 ether)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 07:49

S37	72	(step near5 growth near5 (polymeriz\$6 or polymeris\$6)) and (ether near2 sulfone or arylene near2 ether or aryl near2 ether or arylether or aryleneether)	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 08:48
S38	16	S37 not S35 not S34	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 08:48
S39	2	"7488549".pn.	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 09:06
S40	8	"835386".ap.	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 09:08
S41	2	"5976418".pn.	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/23 10:10
S46	97	(427/115.ccls. 429/12.ccls. 902/908.ccls. 429/40.ccls.) and (\$6block with polymer)	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 11:28
S48	155	(427/115.ccls. 429/12.ccls. 902/908.ccls. 429/40.ccls.) and \$4fluorinat\$6 and \$9sulfone	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 11:32
S49	558	MCGRATH\$3-JAMES\$3.in. HARRISON\$5-WILLIAMS\$3.in. GHASSEMI-HOSSEIN.in. ZAWODZINSKI\$4-TOM\$3.in.	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 14:05
S50	1422	(\$6block with copolymer) same ((cocontinuous or co near continuous) near4 (morpholog\$3 or structure or phase) or microphase or micro near phase)	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 14:14

S51	13	(\${5block with copolymer) same ((cocontinuous or co near continuous) near4 (morpholog\$3 or structure or phase) or microphase or micro near phase) and \${2sulfon\$4 with (aryl\$3 near2 ether near2 sulfone or (aryleneether or arylether) near sulfone or aryl\$3 near ethersulfone or aryleneethersulfone or arylethersulfone) or (perfluorooctanoic or perfluoroctanesulfonic or perfluoro) with (aryl\$3 near ether or (aryleneether or arylether)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 14:23
S52	216	(\${5block with copolymer) same ((cocontinuous or co near continuous) near4 (morpholog\$3 or structure or phase) or microphase or micro near phase) and (proton near2 exchang\$4 near2 membrane or ion near3 exchang\$4 or fuel near2 cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 14:38
S53	6	(\${5block with copolymer) and ((perfluorinat\$4 or perfluoro) near2 (arylene or aryl) near2 ether or perfluoroarylether or perfluoroaryleneether or perfluoroarylene near2 ether)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 15:37
S54	9	(\${5block with copolymer) and ((perfluorinat\$4 or perfluoro) near3 ((arylene or aryl) near3 ether or polyarylene near3 ether or polyaryleneether or poly near3 arylene near3 ether) or perfluoroarylether or perfluoroaryleneether or perfluoroarylene near2 ether)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 15:49
S55	41	((perfluorinat\$4 or perfluoro) near3 ((arylene or aryl) near3 ether or polyarylene near3 ether or polyaryleneether or poly near3 arylene near3 ether) or perfluoroarylether or perfluoroaryleneether or perfluoroarylene near2 ether)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 15:51

S56	173	((perfluorinat\$4 or perfluoro or fluorinat\$4 or fluoro) near3 ((arylene or aryl) near3 ether or polyarylene near3 ether or polyaryleneether or poly near3 arylene near3 ether) or perfluoroarylether or perfluoroaryleneether or perfluoroarylene near2 ether or fluoroaryl/ether or fluoroaryleneether or fluoroarylene near2 ether) and (\$5block with copolymer)	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 15:58
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EAST Search History (Interference)

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